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 1c960 U.S. PTO

NON-PROVISIONAL APPLICATION FOR U. S. PATENT UNDER 37 CFR 1.53(b)
 TRANSMITTAL FORM

Attorney Docket No. TI-33069

Assistant Commissioner for Patents
 Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the
 patent application of:

Inventor(s): Terence J. Murphy

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 Date of Deposit: 7-2-2001 I hereby certify that this paper is
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 Office to Addressee Service under 37 CFR 1.10 on the date
 shown above and is addressed to the Assistant Commissioner for
 Patents, Washington, D.C. 20231.

Trish Paramore
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For: **OUTPUT VOLTAGE SENSING OF CHARGE MODE AND
 VOLTAGE MODE ACTUATOR DRIVES**

Enclosed are:

- 12 sheets of informal drawings and 20 pages of Specification (including Abstract)
X Declaration/Power of Attorney
X Assignment with form PTO 1595

This application is a continuation-in-part of commonly assigned US Patent application Serial No. 09/681,695 entitled
 "Integrated charge and Voltage Mode Drive Circuit for Piezo Actuators Used in Mass Data Storage Devices or the
 Like" filed May 22, 2001.

FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 710.00
Total Claims	23	-20 =	3	X \$18 =	54.00
Independent Claims	1	- 3 =		X \$80 =	
Total Filing Fee					\$ 764.00

Please charge Deposit Account No. 20-0668 in the amount of the Total Fees set forth. The Commissioner is hereby
 authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.
 20-0668.

All correspondence related to this application may be addressed to Daniel W. Swayze at Texas Instruments,
 Incorporated, P. O. Box 655474, M/S 3999, Dallas, Texas 75265.

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